AMENDMENT OF SOLICITA	ATION/MODIFI	ICATION OF CONTRACT		J. CONTRACT I	D CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.			5. PROJECT	NO.(If applicable)
0005	21-Dec-2004	W16ROE-4302-4908				
6. ISSUED BY CODE	W912DS	7. ADMINISTERED BY (If other than item 6)		COD	DE	
USA ENGINEER DISTRICT, NEW YORK ATTN:CENAN-CT ROOM 1843 26 FEDERAL PLAZA NEW YORK NY 10278		See Item 6				
8. NAME AND ADDRESS OF CONTRACTOR (N	Vo., Street, County, Stat	e and Zip Code)		A. AMENDME /912DS-05-B-		LICITATION NO.
				3. DATED (SE 2-Nov-2004	E ITEM 11)	Υ
			10	A. MOD. OF O	CONTRACT	Γ/ORDER NO.
CODE	T		10	B. DATED (S	EE ITEM 1	3)
CODE 11	FACILITY CODE	E PPLIES TO AMENDMENTS OF SOLICI	<u> </u>	ONS		
X The above numbered solicitation is amended as set forth in				extended,	is not exter	nded.
(a) By completing Items 8 and 15, and returning or (c) By separate letter or telegram which includes a reference RECEIVED AT THE PLACE DESIGNATED FOR THE REJECTION OF YOUR OFFER. If by virtue of this amer provided each telegram or letter makes reference to the sol 12. ACCOUNTING AND APPROPRIATION DATA	ence to the solicitation and an RECEIPT OF OFFERS PRIC adment you desire to change icitation and this amendment	OR TO THE HOUR AND DATE SPECIFIED MAY an offer already submitted, such change may be made	OWLEDO Y RESUI de by telo	GMENT TO BE LT IN egram or letter,	bmitted;	
10 MMO VIII	NA A DDI HEG ONI ME	O MODIEIGA TRONG OF GOVERNA GEG	ODDE	29		
		O MODIFICATIONS OF CONTRACTS/(T/ORDER NO. AS DESCRIBED IN ITE!		RS.		
A. THIS CHANGE ORDER IS ISSUED PURSU CONTRACT ORDER NO. IN ITEM 10A.	ANT TO: (Specify autl	hority) THE CHANGES SET FORTH IN I	ITEM 1	14 ARE MADE	E IN THE	
B. THE ABOVE NUMBERED CONTRACT/OR office, appropriation date, etc.) SET FORTH I				GES (such as ch	anges in pay	ying
C. THIS SUPPLEMENTAL AGREEMENT IS E	NTERED INTO PURS	UANT TO AUTHORITY OF:				
D. OTHER (Specify type of modification and aut	hority)					
E. IMPORTANT: Contractor is not,	is required to sign	this document and return	copies	s to the issuing	office.	
14. DESCRIPTION OF AMENDMENT/MODIFICATION where feasible.) The solicitation is amended as follows: 1. To extend the bid opening date, from 22 Dec. 2. To incorporate and reissue revised specification incorporate a revised bid schedule (Section 4. To incorporate contractor(s') submitted questions.	c 04, to 06 Jan 05. Thitions; on 00010);	he bid opening time remains at 1400 ho		v	tter	
NOTE: OFFERORS MUST ACKNOWLEDGE BY ONE OF THE FOLLOWING METHODS: II SIGNING BLOCK 15 BELOW. FAILURE TO A OF YOUR BID IN ACCORDANCE WITH THE	N THE SPACE PROV ACKNOWLEDGE AM LATE BID, LATE MC	/IDED ON THE SF1442, BY SEPARAT ENDMENTS BY THE DATE AND TIME DDIFICATIONS OF BIDS OR LATE WI	TE LET E SPE THDR	ITER, OR BY CIFIED MAY AWAL OF BIE	TELEGRA RESULT II	M, OR BY N REJECTION
Except as provided herein, all terms and conditions of the docun 15A. NAME AND TITLE OF SIGNER (Type or pri					P (Type or	orint)
13A. NAME AND TITLE OF SIGNER (Type or pri	iit <i>)</i>	16A. NAME AND TITLE OF CON'			K (1 ype or j	этиі)
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	TEL: 16B. UNITED STATES OF AMERIC		MAIL:	166	C. DATE SIGNED
13B. CONTRACTOROLTEROR	ISC. DATE SIGNED		CA			
(Signature of person authorized to sign)		(Signature of Contracting Office	cer)		— ²	11-Dec-2004

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION SF 30 - BLOCK 14 CONTINUATION PAGE

The following have been added by full text:

AMENDMENT 0005

No further questions will be accepted after 1600 hours local time, 22 Dec 04

TO BIDDERS

The following changes shall be made to the drawings and specifications.

DRAWINGS

- 1. The following DRAWINGS have been **REVISED** but not **REISSUED**:
- a. C-2, Site Plan; Under the heading "Legend", **DELETE** "Colored Stamped Concrete" and **REPLACE** with "Stamped Concrete; Standard Pattern as available from Solomon Colors, Springfield, IL or other manufacturers or suppliers of concrete stamps. Exact pattern to be determined by Contracting Officer."
- b. M-100, Floor Plan Ductwork; Note # 5. Note # 5 is **REVISED** to read as follows: "Ductwork associated with Exhaust Fans EF-3 and EF-4 shall be lined with acoustical insulation."
- c. A-101, Attic Plan, Detail 1; REVISE note that reads "100mm concrete slab on 38 mm Metal Deck, Refer to Struct. Dwg." to read ""125mm concrete slab on 38 mm Metal Deck, Refer to Struct. Dwg."
- d. A-103, Roof Plan and A-501, Wall Sections: **ADD** the following note to Detail 2 on Sheet A-103 and Detail 1 on Sheet A-501: The vapor retarder shall be sealed at the penetration to prevent warm air from leaking into the ventilated cold roof system (Typical all penetrations)"
- e. A-201, Building Elevations (Amendment 1); **DELETE** the calculations reading 8516 sq. mm x 205.2M of SOFFIT = 8120 sq. mm FREE AREA / SIDE OF RIDGE" and **REPLACE** with the following: "8,516 sq mm X 673.2 In ft OF SOFFIT = 5,732,971 sq mm TOTAL NET FREE AREA AT SOFFIT5,732,971 sq mm SOFFIT FREE AREA / 353 In ft OF RIDGE LENGTH = 16,240.5 sq mm OF RIDGE NET FREE AREA PER FT OF RIDGE16,240.5 sq mm OF RIDGE FREE AREA / 2 = 8,120 sq mm FREE AREA / SIDE OF RIDGE"
- f. A-502, Wall Sections; **ADD** the following notes to section 2: "See Section 5 of Drawing A-500 for eave ventilation requirements. Above the ceremony room, provide a continuous vapor barrier from the, 6 on 12, upper roof section to the exterior walls. Vapor barrier shall be placed under the batt insulation."

- g. A-503, Curve Wall Details' **ADD** the following Note to this drawing: "All 914mm x 1400mm Panels (Army, Navy, etc.) shall be 1-inch thick acrylic sheet (Poly (Methyl Methacrylate)) with aluminum channel frames. Emblem shall be applied directly to acrylic sheet using Lambda printing process or equal as provided by Beyond Signs, Inc., Woodside, NY or other sign manufacturers/fabricators. "
- h. A-601, Door Schedule; **REVISE** (Amendment 4) the hardware for the doors indicated below:

<u>Door number</u>	Delete Hardware Set	<u>& Provide Following</u>
133	HW-9	HW-3
134	HW-9	HW-3
135	HW-9	HW-3
137	HW-9	HW-3
140	HW-9	HW-3

- i. E-10, System Details and Schedules Lighting Fixture Schedule; **ADD** the following to end of Note 8: "All rooms to receive 100mm (4") deep parabolic cell fixtures, except the following: 101, 102 (all areas, A, B & C), 105, 106, 106A, 121 (all areas), 133, 134, 136, 148, 150, 152, 152A, 153, 163, 165, 172, 173 & 174. This shall receive 75mm (3") deep parabolic cell fixtures."
- 2. The following DRAWINGS have been **REVISED** and **REISSUED**:
 - a. A-504, Miscellaneous Details
 - b. A-704, Signage Schedule and Details

SPECIFICATIONS

- 1. The following SPECIFICATION SECTIONS have been <u>ADDED</u> and are provided in their entirety herein: **NONE**
- 2. The following SPECIFICATIONS SECTIONS have been **DELETED** in their entirety: **NONE**
- 3. The following SPECIFICATIONS have been REVISED but NOT REISSUED:
- a. Section 05500, Miscellaneous Metals; **DELETE** paragraphs 2.6 and 3.9 in their entirety from this section without replacement.
- b. Section 10999, Miscellaneous Specialties; **ADD** the following paragraph to this section: "3.2 INSTALLATION OF FIRE EXTINGUISHER CABINETS. Metal fire extinguisher cabinets shall be furnished and installed in accordance with NFPA 10 where shown on the drawings or specified."
- c. Section 04200, Masonry, Paragraph 2.16, Flashing; **DELETE** this paragraph in its entirety and **REPLACE** it with the following:

"2.16 Through-Wall Flashing.

Electro-sheet capper not less than 0.14 kg, factory coated both sides with acid- and alkaliresistant bituminous compound not less than 1.8 kg per square meter or factory covered both sides with asphalt-saturated cotton fabric, asphalt saturated glass-fiber fabric, or with 18 kg reinforced kraft paper bonded with asphalt."

d. Section 16415A, Electrical Work, Interior; **ADD** the following subparagraphs to paragraph 2.9.3 of this section:

"f. Fluorescent Emergency System

Each system shall consist of an automatic power failure device, test switch operable from outside of the fixture, pilot light visible from outside the fixture, and fully automatic solid-state charger in a self-contained power pack. Provide self-testing module integral to the fixture. Charger shall be either trickle, float, constant current or constant potential type, or a combination of these. Battery shall be sealed electrolyte type with capacity as required to supply power to 1 lamp for 90 minutes at a minimum of 1100lumens per lamp output. Battery shall operate unattended and require no maintenance, including no additional water, for a period of not less than 5 years. Emergency ballasts provided with fixtures containing solid-state ballasts shall be fully compatible with the solid-state ballasts.

g. Self-testing Module

Self-testing module for exit signs and emergency lighting equipment shall perform the following functions:

- a. Continuous monitoring of charger operation and battery voltage with visual indication of normal operation and of malfunction.
- b. Monthly discharge cycling of battery with monitoring of transfer circuit function, battery capacity and emergency lamp operation with visual indication of malfunction. The battery capacity test may be conducted by using a synthetic load.
 - c. Manual test switch to simulate a discharge test cycle.
- d. Module shall have low voltage battery disconnect (LVD) and brown-out protection circuit."

BIDDER'S QUESTIONS AND GOVERNMENT REPLY

(Questions that may be of general interest of all bidders/Government and that are not readily answered by the proceeding changes will appear below. These questions may have been paraphrased or altered to represent several questions regarding the same subject and/or clarify and simplify the question(s). Questions and answers are issued to the Offerors/Bidders for information only.)

Question (Q): Is there a color and stamp pattern for the front entrance apron on drawing C-2? Response (R): Drawing C-2 as amended herein, eliminates the color requirement and indicates that the pattern will be determined from selections offered by contractor.

Q: Bid Item 0005 - Option #2; What site lighting is part of this item? Is it the work called out by item 5b on Drawing E-01? No parking area lighting is shown at the lot to be resurfaced. **R: Bid schedule as amended herein eliminates the lighting questioned.**

Q: Amendment #3, Page 3 of 10, Last Question: References Drawing A-10; We do not have this drawing. R: The question was stated in error. There is not a drawing A-10. The fact that the incorrect drawing reference is made in the question has no bearing on the question and the Government response issued in amendment 3 to this question.

Q: Amendment #3, Bid Item #0003, Final Record Drawing Submission; Is the \$8,000 indicated on the bid form to be used as an allowance? If so, what is included in this amount? Cost of file conversion from Microstation to AutoCAD? Drafting costs? Drawing production costs? R: \$8,000 is the value that the Contracting Officer has determined to be the worth of the drawings and therefore the basis for any withholdings should the final drawings not be delivered. The value is not necessarily reflective of all costs cited in this question.

Q: Drawing 503-Service Emblems; Please provide specification information for the service emblems and panels to which they are affixed. R: Drawing A-503 has been revised per this amendment to provide additional information regarding the service emblems.

Q: Is external insulation required if the duct is internally lined? Drawing M-100, Note #5 "EF-3 and EF-4 shall be line with acoustical insulation" Does this refer to the fans themselves or to the ducts associated with them? R: External insulation is required in both of the situations (Both Question) described below. In addition, the contractors' attention is directed to Specification Section 15080A, paragraph 3.3.7, which provides guidance for ducts exposed to weather.

The internal lining is intended to provide acoustical attenuation, and even though it will provide a measure of thermal insulation, it may not be sufficient for the service required. Over time, the internal liner can be damaged or compromised in a number of ways, which would result in a loss of thermal insulation capability, if it was the sole means of thermal insulation, and this condition would be operationally unacceptable, causing external duct sweating and consequent damage to the building's internal surfaces. The contractors' attention is also directed to Specification Section 15895, paragraph 2.8.5, which provides guidance on sound attenuation equipment and to the amended note on Drawing M-100 in the preceding changes.

Q: Amendment #3, Revised detail 5/A504 shows the bottom of the screen wall 1828MM(6') below grade. Page 4 of the amendment, 7th response down, states the bottom should be 5' below grade. Which is correct? Does this also apply to the screen walls around the chiller and transformer? Does this also apply to the brick pillars and site sign? R: The discrepancy in amendment 3 was addressed in amendment 4 (last question on page 12 of 12); however, drawings A-504 and A-704 have been revised and reissued with this amendment to provide the correct information.

Q: Amendment # 3, Page 4, 5th response down, there are two pairs of pillars shown and required. Our plan C-2 shows only one pillar in grid F8, and one pillar in grid D10. Are four

pillars or two pillars required? R: The reason for this discrepancy is unclear and may be due to a printing or printer error; please check the file as it appears on your computer screen rather than the print file or printed version. There are a total of four (4) pillars arranged in two pairs at each end of the new drive into the site.

- Q: Will the Government have an Independent Testing Laboratory on site? R: Generally all testing is a Contractor requirement. Specific testing requirements, if any appear in the individual specification sections.
- Q: Specification Section 10999 and Section 5500 A2.6 describes the Fire Extinguisher Cabinet to be supplied which specification matches the detail 3/A 504. **R: Sections 05500 and 10999 have been revised per this amendment.**
- Q: Amendment # 3, Revised drawing A- 601 Door Schedule changed frames 104 and 105 to wood. Please furnish wood frame details. R: Bidders are advised to provide wood doorframes and details in accordance with manufactures published instructions and accepted industry standards.
- Q: I cannot find the spec section referred to in Amendment #3 09100. It says that it's attached and all I have are the 10 pages of the amendment and no attachments. R: This section was omitted from amendment 3 and provided in amendment 4.
- Q: The specified paving detail calls for 1.5" binder + .5" top. NYSDOT specs and asphalt plants cannot run 6F to at .5"...the mix retains 7% of .5" to .625" aggregate. Therefore not compaction will be possible and will result in surface being "dragged" by the asphalt paver. This same principal applies to the Type III binder course, with 1.5" aggregate. Suggested section is 2" binder + 1" top.
- Please advise. R: In response to this question and others regarding the pavement section, the Government issued a change to the pavement specification under amendment 4 (Amendment 4, page 9 of 12).
- Q: Please advise of specifications for underground chilled water piping. R: Contractors are directed to Specification Section 15181, paragraph 2.2 and 2.3.
- Q: Section 00800 Special Contract Requirements Item #42; We have been advised by a professional engineer that the law requires all SWP3's to contain provisions for the construction of permanent "treatment" mechanisms for storm water. Many methods may be utilized ranging from retention ponds to specially constructed drainage swales with filtering capabilities. There are no provisions on the drawings for the above. Please advise. R: The design set forth on the plans is compliant with the NY State requirements. See responses provided to similar questions which appear in previous amendments.
- Q: Section 04200 2.16, Specification indicates flashings shall be specified in Section 07600. Specification Section 07600 2.1.13 indicates flashing for masonry is specified in Section 04200. There is no specification covering through-wall flashings for masonry. **R: Section 04200 has been revised per this amendment.**
- Q: Head Detail 1 and Jamb Detail 2 on A-604, Details indicate a 25mm thickness cavity wall insulation. Specification 04200, Item 2.14.1.1 indicates a maximum cavity wall insulation thickness of 38mm. Neither of these insulation thicknesses will meet the minimum aged R-

value of 8 as noted in Specification Section 04200, Item 2.14.1.2. Please advise. R: The R-value requirement is met or exceeded as per referenced detail, since all insulation layers may be taken into account.

Q: Can you please identify by room # the spaces that are applicable to Dwg. E10, Lighting Fixture Schedule, Note 8? **B: Note 8 revised in preceding portion of this amendment.**

Q: I do not see a spec for the inverter ballasts required in certain luminaires. Please provide or indicate where in the specs it may be found. R: Section 16415A, Electrical Work, Interior revised in preceding portion of this amendment.

Q: I understand VWC#1 Wolf-Gordon wall covering has been discontinued, according to one of the contractors. Can anyone confirm? R: Discussions with a Wolf-Gordon representative, confirm that VWC#1 is available in orders of 500yards or greater.

The following question appeared in amendment #4, the bidders are advised to disregard in lieu of the following:

Amendment 4, page 9, **DELETE** "Q: Drawing E-10, Electrical Key Notes." and "R: Elevation (Drawing grid location F-9) is incorrect and should read 595.50." where it appears on this page of amendment 4 without replacement.

SECTION 00010 (REVISED) IV

ITEM NO 0001	SUPPLIES/SERVICES BASE BID FFP All work for the FY05 Mi in the plans and specificat excluding Items Nos. 2 an PURCHASE REQUEST I	tions, including all did 3 below and all	ll plant, labor and l options.		AMOUNT
FOB:	Destination			NET AMT	
ITEM NO 0002	SUPPLIES/SERVICES SITE WORK FFP All work outside the five-demolition (As defined by AD-102 and the specificat	the Civil (C-seri	es) drawings, dra	wings AD-101 and	AMOUNT

NET AMT

FOB: Destination

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AMOUNT ITEM NO SUPPLIES/SERVICES QUANTITY UNIT **UNIT PRICE** 0003 \$8,000.00 Lump Sum \$8,000.00 FINAL RECORD DRAWING SUBMISSION **FFP** All work for the Final Record Drawing Submission (See paragraph 10.i of Section 00800). **NET AMT** \$8,000.00 FOB: Destination ITEM NO SUPPLIES/SERVICES **OUANTITY UNIT UNIT PRICE AMOUNT** 0004 1 Lump Sum OPTION OPTIONAL BID ITEM No. 1 Provide brick and masonry building sign as shown on drawing A-704, Elevations & Detail B, C & 2, in lieu of the sign shown on drawing A-704, Elevation & Detail A & 1. **NET AMT** FOB: Destination SUPPLIES/SERVICES **QUANTITY** ITEM NO **UNIT UNIT PRICE AMOUNT** 0005 1 Lump Sum OPTION OPTIONAL BID ITEM No. 2 Parking area, east of MEPS; Resurfacing and striping of parking area directly behind (east of) the MEPS.

NET AMT

FOB: Destination

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AMOUNT

0006 Lump Sum 1 OPTION OPTIONAL BID ITEM No. 3 **FFP** Sidewalk connecting MEPS with Gymnasium (Bldg 855) parking area (approx. 85 linear feet of 4' wide sidewalk) and parking lot lighting, as described in Electrical Site Plan Key Note 5.a of drawing E-01. **NET AMT** FOB: Destination ITEM NO SUPPLIES/SERVICES **QUANTITY UNIT UNIT PRICE AMOUNT** 0007 Lump Sum 1 OPTION OPTIONAL BID ITEM No. 4 **FFP** Provide all landscaping (including sod), in lieu of seeding (includes reduction of seeding in base bid price), and irrigation as shown on drawing C-6, and/or described in the specifications. **NET AMT** FOB: Destination ITEM NO SUPPLIES/SERVICES **QUANTITY UNIT UNIT PRICE AMOUNT** 0008 Lump Sum OPTION OPTIONAL BID ITEM No. 5 **FFP** Two Computer Workstations (CPU, Monitor, keyboard, mouse, and compatible software, etc.) as described in section 15951 of the Specifications. **NET AMT**

UNIT

UNIT PRICE

FOB: Destination

ITEM NO

SUPPLIES/SERVICES

QUANTITY

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ITEM NO 0009	SUPPLIES/SERVICES	QUANTITY 1	UNIT Lump Sum	UNIT PRICE	AMOUNT	
OPTION	OPTIONAL BID ITEM N FFP	Io. 6	1			
	Under-floor, radiant heating for the Male and Female Ortho rooms, as shown on					
	drawings M-101 and M-505, and described in the Specifications.					
				NET AMT		
				.,		
EOD.	Destination					
FOB:	Destination					
ITEM NO 0010	SUPPLIES/SERVICES	QUANTITY 1	UNIT Lump Sum	UNIT PRICE	AMOUNT	
OPTION	OPTIONAL BID ITEM N FFP	Io. 7				
	Four Accent Canopies, sur on drawing A-300.	spended in lobby	, as shown in Sect	ion B "along Y- Axis"		
	0.1 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.1					
				NET AMT		
FOB:	Destination					
			TOTA	L BASE BID PRICE: \$	3	
	TOTAL BI	D WITH OPTIO	NAL BID ITEMS	S NO. 1 THRU NO. 7: \$	S	

NOTES:

- 1. The low bidder for purposes of award will be the conforming responsible bidder offering the lowest amount for the Base Bid Item plus all Optional Bid Items.
- 2. The minimum construction award will be the amount bid for the Base Bid Items.
- 3. Bidders are required to bid on the Base Bid and all Optional Bid Items or their bids will be rejected.

- 4. Bidders are reminded that they must bid on the issued plans and specifications as amended. Any deviations, conditions or attachments made by the bidder himself thereto may render the bid non-responsive and be cause for its rejection.
- 5. Option #1, 2, 3 and 4: At any time prior to 180 calendar days after award of the contract, the Government at its option, may direct the Contractor, by written order, to perform the work and/or services provided under these Options.
- 6. Options #5 and #7: At any time prior to 300 calendar days after award of the contract, the Government at its option, may direct the Contractor, by written order to perform the work and/or services provided under these Options.
- 7. Option #6: At any time prior to 90 calendar days after award of the contract, the Government at its option, may direct the Contractor, by written order to perform the work and/or services provided under Option #6.
- 8. Award of any or all of the Optional Bid items will not extend or reduce the contract duration indicated in Paragraph 1 of Section 00800 or elsewhere in the contract documents.

SECTION 00010 - SOLICITATION CONTRACT FORM

The required response date/time has changed from 22-Dec-2004 02:00 PM to 06-Jan-2005 02:00 PM.

CLIN 0002

The CLIN extended description has changed from All work outside the five-foot line of the building perimeter, inclusive of demolition (As defined by the Civil (C-series) drawings, drawings AD-101 and AD-102 and the specifications. to All work outside the five-foot line of the building perimeter, inclusive of demolition (As defined by the Civil (C-series) drawings, drawings AD-101 and AD-102 and the specifications, including seeding of entire site)..

CLIN 0005

The CLIN extended description has changed from Parking area, east of MEPS; Resurfacing and, striping and lighting of parking area directly behind (east of) the MEPS. to Parking area, east of MEPS; Resurfacing and striping of parking area directly behind (east of) the MEPS..

CLIN 0007

The CLIN extended description has changed from Provide all work landscaping (including sod) and irrigation as shown on drawing C-6, and/or described in the specification. in lieu of seeding for entire site. to All work outside the five-foot line of the building perimeter, inclusive of demolition (As defined by the Civil (C-series) drawings, drawings AD-101 and AD-102 and the specifications, including seeding of entire site)..

(End of Summary of Changes)